## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) Google Inc., a Delaware corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent applications listed on the attached Appendix (Table 1) by virtue of assignments, including assignments from inventors of the patent applications. The assignments for these patent applications were recorded in the Patent and Trademark Office on the Real and Frame numbers provided in the Appendix (Table 1).

The undersigned, acting on behalf of the assignee, is empowered to act on behalf of the assignee and hereby revokes all powers of attorney previously granted in the applications and appoints the practitioners associated with PTO Customer Number 26192 to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to PTO Customer Number 26192.

Direct all telephone calls to Hans R. Troesch, Reg. No. 36,950, at telephone number (650) 8395070.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date:

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Fish & Richardson P.C. PTO Customer No. 26192

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Name: All Various Gardinas

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ATTACHMENT: (Table 1: 1 page)

Attorney's Docket No.: 16113-001001 Page 2 of 2

## TABLE 1

Attorney Docket	Application Serial No. Patent No.	Recordation Date Reel/Frame
16113-2806002	6.618,726	FROM GTE SERVICE CORPORATION TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 6/18/02 R/F 012810/0584
		FROM VERIZON CORPORATE SERVICES GROUP INC. TO BBNT SOLUTIONS LLC AND VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/04 R/F 0/146460099
		FROM GENUITY, INC. TO LEVEL 3 COMMUNICATIONS, INC. RECORDED 3/23/05 R/F 016468/0239
		FROM BBNT SOLUTIONS LLC TO BBN TECHNOLOGIES CORP. RECORDED 6/7/06 R/F 017746/0377
		FROM LEVEL 3 COMMUNICATIONS, INC. TO LEVEL 3 COMMUNICATIONS, LLC RECORDED 3/12/07 R/F 018989/0678
		FROM BBN TECHNOLOGIES CORP. TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 11/15/07 R/F 020112/0322
		FROM BBN TECHNOLOGIES CORP. TO VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/09 R/F 022703/0188
		FROM INVENTORS TO GTE INTERNETWORKING INCORPORATED RECORDED 11/23/09 R/F 023556/0119
		FROM VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0084
		FROM LEVEL 3 COMMUNICATIONS, LLC AND VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 7/27/10 R/F 024741/0340
		FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910
16113-2811001	7,295,978	FROM INVENTORS TO BBNT SOLUTIONS LLC RECORDED 9/27/00 R/F 011003/0187
		FROM BBNT SOLUTIONS LLC TO VERIZON CORPORATE SERVICES GROUP INC AND BBNT SOLUTIONS LLC RECORDED 5/4/04 R/F 014601/0448
		FROM BBNT SOLUTIONS LLC TO BBNT SOLUTIONS LLC AND VERIZON CORPORATE SERVICES GROUP INC. RECORDED 5/18/04 R/F 014634/0525
		FROM BBNT SOLUTIONS LLC TO BBN TECHNOLOGIES CORP. RECORDED 6/7/06 R/F 017751/0049
		FROM VERIZON CORPORATE SERVICES GROUP INC. TO VERIZON PATENT AND LICENSING INC. RECORDED 12/1/09 R/F 023586/0084
		FROM BBN TECHNOLOGIES CORP. TO RAYTHEON BBN TECHNOLOGIES CORP. RECORDED 6/11/10 R/F 024523/0625
		FROM VERIZON PATENT AND LICENSING INC. TO GOOGLE INC. RECORDED 11/8/10 R/F 025328/0910